EXHIBIT 9

Introduction to algorithms (1995)

by T H Cormen, C E Leiserson, R L Rivest

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Numerical optimization

by Jorge Nocedal, Stephen J. Wright , *1999*
"... ..."
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RADAR: an in-building RF-based user location and tracking system

by Paramvir Bahl, Venkata N. Padmanabhan , *2000*
"... The proliferation of mobile computing devices and local-area wireless networks has fostered a growing interest in location-aware systems and services. In this paper we present RADAR, a radio-frequency (RF) based system for locating and tracking users inside buildings. RADAR operates by recording and ..."
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Fast Planning Through Planning Graph Analysis

by Avrim L. Blum, Merrick L. Furst - *ARTIFICIAL INTELLIGENCE , 1995*
"... We introduce a new approach to planning in STRIPS-like domains based on constructing and analyzing a compact structure we call a Planning Graph. We describe a new planner, Graphplan, that uses this paradigm. Graphplan always returns a shortest possible partial-order plan, or states that no valid pla ..."
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An Optimal Algorithm for Approximate Nearest Neighbor Searching in Fixed Dimensions

by Sunil Arya, David M. Mount, Nathan S. Netanyahu, Ruth Silverman, Angela Y. Wu - *ACM-SIAM SYMPOSIUM ON DISCRETE ALGORITHMS , 1994*
"... Consider a set S of n data points in real d-dimensional space, R d , where distances are measured using any Minkowski metric. In nearest neighbor searching we preprocess S into a data structure, so that given any query point q 2 R d , the closest point of S to q can be reported quickly. Given any po ..."
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Efficient graph-based image segmentation.

by Pedro F Felzenszwalb , Daniel P Huttenlocher - *International Journal of Computer Vision, , 2004*
"... Abstract. This paper addresses the problem of segmenting an image into regions. We define a predicate for measuring the evidence for a boundary between two regions using a graph-based representation of the image. We then develop an efficient segmentation algorithm based on this predicate, and show ..."
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Pictorial Structures for Object Recognition

by Pedro F. Felzenszwalb, Daniel P. Huttenlocher - *IJCV , 2003*
"... In this paper we present a statistical framework for modeling the appearance of objects. Our work is motivated by the pictorial structure models introduced by Fischler and Elschlager. The basic idea is to model an object by a collection of parts arranged in a deformable configuration. The appearance ..."
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Bayesian Network Classifiers

by Nir Friedman, Dan Geiger, Moises Goldszmidt , *1997*
"... Recent work in supervised learning has shown that a surprisingly simple Bayesian classifier with strong assumptions of independence among features, called naive Bayes, is competitive with state-of-the-art classifiers such as C4.5. This fact raises the question of whether a classifier with less restr ..."

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Dynamic Bayesian Networks: Representation, Inference and Learning

by Kevin Patrick Murphy , *2002*
"... Modelling sequential data is important in many areas of science and engineering. Hidden Markov models (HMMs) and Kalman filter models (KFMs) are popular for this because they are simple and flexible. For example, HMMs have been used for speech recognition and bio-sequence analysis, and KFMs have bee ..."
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The design and implementation of FFTW3

by Matteo Frigo, Steven G. Johnson - *PROCEEDINGS OF THE IEEE , 2005*
"... FFTW is an implementation of the discrete Fourier transform (DFT) that adapts to the hardware in order to maximize performance. This paper shows that such an approach can yield an implementation that is competitive with hand-optimized libraries, and describes the software structure that makes our co ..."
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gSpan: Graph-Based Substructure Pattern Mining

by Xifeng Yan, Jiawei Han , *2002*
"... We investigate new approaches for frequent graph-based pattern mining in graph datasets and propose a novel algorithm called gSpan (graph-based Substructure pattern mining) , which discovers frequent substructures without candidate generation. gSpan builds a new lexicographic order among graphs, and ..."
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